

Study Information For Ingredient

016483 // *Bacillus Thuringiensis* eCry3.1Ab protein and the genetic material necessary for its production (vector pSYN12274) in Event 5307 corn (SYN-05307-1)

MRID	Citation	Receipt Date
48442500	Syngenta Seeds, Inc. - Field Crops - NAFTA (2011) Submission of Product Chemistry, Toxicity, Efficacy, Environmental Fate, Public Interest, Exposure and Risk Data in Support of the Application for Registration of 5307 Corn. Transmittal of 41 Studies.	05-Apr-2011
48442501	Framond, A. (2011) Molecular Characterization of Event 5307 Maize in Support of the EUP Application. Project Number: SSB/164/08/A1. Unpublished study prepared by Syngenta Crop Protection, LLC. 46 p.	05-Apr-2011
48442502	Nelson, A. (2008) Characterization of (Inert Ingredient) Test Substance PMI-0105 and Certificate of Analysis. Project Number: PMI/07/01, SSB/025/07. Unpublished study prepared by Syngenta Crop Protection, LLC, Syngenta Jealotts Hill International Research Centre and Prosec, Inc., and Protein Sequencing Services. 18 p.	05-Apr-2011
48442503	Nelson, A. (2009) Comparison of (Inert Ingredient) Produced in Event 5307-Derived Maize Plants and (Inert Ingredient) Produced in Recombinant <i>Escherichia coli</i> . Project Number: SSB/003/09, 5307/08/07. Unpublished study prepared by Syngenta Biotechnology, Inc. 22 p.	05-Apr-2011
48442504	New, S. (2010) Event 5307 Maize: Copy Number Functional Element Southern Blot Analysis. Project Number: SSB/189/10A1. Unpublished study prepared by Syngenta Biotechnology, Inc. 59 p.	05-Apr-2011
48442505	New, S. (2010) Event 5307 Maize: Genetic Stability Analysis. Project Number: SSB/184/10/A1. Unpublished study prepared by Syngenta Biotechnology, Inc. 40 p.	05-Apr-2011
48442506	New, S. (2010) Genome to Insert Junction Analysis for Translated Open Reading Frames with a Minimum Size of 30 Amino Acids: Assessment of Amino Acid Sequence Similarity to Known or Putative Toxins. Project Number: SSB/187/10. Unpublished study prepared by Syngenta Biotechnology, Inc. 13 p.	05-Apr-2011
48442507	New, S. (2010) Genome to Insert Junction Analysis for Translated Open Reading Frames with a Minimum Size of 30 Amino Acids: Assessment of Amino Acid Sequence Similarity to Known or Putative Allergens. Project Number: SSB/188/10. Unpublished study prepared by Syngenta Biotechnology, Inc. 89 p.	05-Apr-2011
48442508	Banach, R. (2010) Validation of the ELISA Method for Quantitative Detection of eCry3.1Ab Protein in Maize Grain, Broiler Diets, and Rat Diets. Project Number: TKRS0000156, SSB/001/10/A1. Unpublished study prepared by Syngenta Biotechnology, Inc. 28 p.	05-Apr-2011
	Bednarcik, M. (2011) Quantification of eCry3.1Ab and (Inert Ingredient) in	

48442509	Maize Tissues Derived from Transformation Event 5307. Project Number: SSB/016/09/A2, 5307/08/01. Unpublished study prepared by Syngenta Crop Protection, LLC. 44 p.	05-Apr-2011
48442510	Fontes, J. (2010) Determination of Extract Dilution Factors and Extraction Efficiencies for ELISA Analysis of Transgenic Proteins in Matrices Derived from, or Including, Maize Events 3272, Bt11, MIR162, MIR604 and GA21. Project Number: 3272BT162604GA/08/01, SSB/009/09/A1. Unpublished study prepared by Syngenta Biotechnology, Inc. 38 p.	05-Apr-2011
48442511	Fontes, J. (2010) Modified Method for Determining the Extraction Efficiency of Transgenic Proteins in Matrices Derived from, or Including, Maize Events 3272, Bt11, MIR162, MIR604 and GA21: Final Report. Project Number: SSB/220/10, SSB/009/09/A1. Unpublished study prepared by Syngenta Biotechnology, Inc. 11 p.	05-Apr-2011
48442512	Fontes, J. (2010) Transfer of a Validated ELISA Method for Quantitative Detection of PMI Protein. Project Number: TKRS0000101, SSB/021/09/A1. Unpublished study prepared by Syngenta Biotechnology, Inc. 57 p.	05-Apr-2011
48442513	Fontes, J. (2010) Validation of the ELISA Method for Quantitative Detection of PMI Protein in Grain, Sweet Corn Kernel, Broiler Diets, and Rats Diets. Project Number: SSB/037/09/A1, TKRS0000155. Unpublished study prepared by Syngenta Biotechnology, Inc. 32 p.	05-Apr-2011
48442514	Murray, J. (2008) Validation of the ELISA Method for Quantitative Detection for eCry3.1Ab Protein. Project Number: SSB/020/08, ECRY3/1ABVAL/08/01. Unpublished study prepared by Syngenta Biotechnology, Inc. 34 p.	05-Apr-2011
48442515	Murray, J. (2009) Validation of a Quantitative ELISA Method for Indication of eCry3.1Ab Protein Stability and Qualification of the eCry3.1Ab Positive Control for Use in the 3Cry3.1Ab Quantitative ELISA Method. Project Number: TKRS0000040, SSB/004/09. Unpublished study prepared by Syngenta Biotechnology, Inc. 29 p.	05-Apr-2011
48442516	Nelson, A. (2010) Effect of Temperature on the Bioactivity of eCry3.1Ab Protein as Contained in Test Substance ECRY3.1AB-0208. Project Number: TKRS0000041, SSB/014/09/A1. Unpublished study prepared by Syngenta Biotechnology, Inc. 13 p.	05-Apr-2011
48442517	Schwartz, B. (2010) Validation of an ELISA Method for Quantification of eCry3.1Ab Protein in Maize Kernel. Project Number: TK0051524. Unpublished study prepared by Syngenta Biotechnology, Inc. 20 p.	05-Apr-2011
48442518	Harper, B. (2011) eCry3.1Ab (Entrez Database Accession Number ADC30135): Assessment of Amino Acid Sequence Similarity to Known or Putative Allergens. Project Number: SSB/112/11. Unpublished study prepared by Syngenta Crop Protection, LLC. 87 p.	05-Apr-2011
48442519	McClain, S. (2011) eCry3.1Ab (Entrez Accession Number ADC30135): Assessment of Amino Acid Sequence Similarity to Known or Putative Toxins. Project Number: SSB/165/11. Unpublished study prepared by Syngenta Crop Protection, LLC. 59 p.	05-Apr-2011

48442520	Harper, B. (2011) (Inert Ingredient) (Entrez Database Accession Number AAA24109): Assessment of Amino Acid Sequence Similarity to Known or Putative Allergens. Project Number: SSB/102/11. Unpublished study prepared by Syngenta Crop Protection, LLC. 101 p.	05-Apr-2011
48442521	Harper, B. (2011) (Inert Ingredient) (Entrez Accession Number AAA24109): Assessment of Amino Acid Sequence Similarity to Known or Putative Toxins. Project Number: SSB/145/11. Unpublished study prepared by Syngenta Crop Protection, LLC. 200 p.	05-Apr-2011
48442522	Seastrum, L. (2010) In Vitro Digestibility of 3Cry3.1Ab Protein as contained in Test Substance ECRY3.1 AB-0208 Under Simulated Mammalian Intestinal Conditions. Project Number: SSB/015/09/A1. Unpublished study prepared by Syngenta Biotechnology, Inc. 15 p.	05-Apr-2011
48442523	Song, S. (2010) In Vitro Digestibility of eCry3.1Ab Protein Under Simulated Mammalian Gastric Conditions. Project Number: TK0028111. Unpublished study prepared by Syngenta Biotechnology, Inc. 19 p.	05-Apr-2011
48442524	Song, S. (2010) Effect of Buffer Ionic Strength on the in vitro Digestibility of eCry3.1Ab Protein Under Simulated Mammalian Gastric Conditions. Project Number: SSB/234/10. Unpublished study prepared by Syngenta Biotechnology, Inc. 19 p.	05-Apr-2011
48442525	Song, S. (2011) A Comprehensive Overview of the Assessment of the in vitro Digestibility of eCry3.1Ab Protein Under Simulated Mammalian Gastric Conditions. Project Number: SSB/260/10. Unpublished study prepared by Syngenta Crop Protection, LLC. 26 p.	05-Apr-2011
48442526	Nelson, A. (2010) The Environmental Fate and Effects of eCry3.1Ab in Event 5307 Maize: Estimated Environmental Concentrations, Margins of Exposure in Non-Target Organism Studies, and US Endangered Species Assessment. Project Number: SSB/235/10. Unpublished study prepared by Syngenta Biotechnology, Inc. 43 p.	05-Apr-2011
48442527	Brake, J. (2010) Evaluation of Event 5307 Transgenic Maize Grain in a Broiler Chicken Feeding Study. Project Number: SSB/211/10. Unpublished study prepared by North Carolina State University. 47 p.	05-Apr-2011
48442528	Champon, R.; Bednarcik, M. (2010) Quantification of eCry3.1Ab and (Inert Ingredient) in Broiler Chicken Diets Prepared with 5307 Maize Grain. Project Number: TKRS0000138. Unpublished study prepared by Syngenta Biotechnology, Inc. 24 p.	05-Apr-2011
48442529	Hubbard, P.; Beavers, J. (2009) eCry3.1Ab - An Acute Oral Toxicity Study with the Northern Bobwhite: Final Report. Project Number: 528/308, T002687/08. Unpublished study prepared by Wildlife International, Ltd. 34 p.	05-Apr-2011
48442530	McCormac, A. (2010) eCry3.1Ab Protein - A Laboratory Bioassay of the Effects on the Earthworm Eisenia fetida in an Artificial Soil Substrate: Final Report. Project Number: SYN/09/5, T002686/08. Unpublished study prepared by Mambo-Tox, Ltd. 53 p.	05-Apr-2011

48442531	Patnaude, M. (2009) eCry3.1Ab Protein - Channel Catfish (<i>Ictalurus punctatus</i>) Feeding Study with Fish Food Prepared from Grain Derived from Event 5307 Maize: Final Report. Project Number: 1781/6734, T002688/08. Unpublished study prepared by Springborn Smithers Laboratories. 38 p.	05-Apr-2011
48442532	Patnaude, M. (2010) eCry3.1Ab and Event 5307 Pollen - Laboratory Study to Determine the Effect on the Predatory Beetle <i>Coleomegilla maculata</i> : Final Report. Project Number: 1781/6728/A1, T002681/08. Unpublished study prepared by Springborn Smithers Laboratories. 51 p.	05-Apr-2011
48442533	Picard, C. (2010) eCry3.1Ab Protein - Gammarid (<i>Gammarus fasciatus</i>) Feeding Study with Leaf Material from Event 5307 Maize: Final Report. Project Number: 1781/6745, TK0021403. Unpublished study prepared by Springborn Smithers Laboratories. 22 p.	05-Apr-2011
48442534	Rentschler, S. (2010) eCry3.1Ab Protein: Assessment of the Effects on Brood Development of the Honeybee (<i>Apis mellifera</i> L.) in a Feeding Test: Final Report. Project Number: S10/00019, TK0022035. Unpublished study prepared by Eurofins - GAB GmbH. 111 p.	05-Apr-2011
48442535	Seastrum, L. (2010) Laboratory Soil Degradation of eCry3.1Ab. Project Number: TKRS0000105, SSB/007/10. Unpublished study prepared by Syngenta Biotechnology, Inc. 17 p.	05-Apr-2011
48442536	Spincer, D. (2009) eCry3.1Ab Protein - A Laboratory Bioassay of the Effect on the Rove Beetle, <i>Aleochara bilineata</i> (Coleoptera: Staphylinidae): Final Report. Project Number: SYN/09/4, T002685/08. Unpublished study prepared by Mambo-Tox, Ltd. 50 p.	05-Apr-2011
48442537	Vinall, S. (2009) eCry3.1Ab Protein - A Laboratory Bioassay of the Effect on the Predatory Bug, <i>Orius laevigatus</i> (Hemiptera: Anthrenidae): Final Report. Project Number: SYN/09/2, T002682/08. Unpublished study prepared by Mambo-Tox, Ltd. 45 p.	05-Apr-2011
48442538	Vinall, S. (2010) eCry3.1Ab Protein - A Semi-Field Bioassay of the Effects of Oral Exposure on Brood Development of the Honeybee, <i>Apis mellifera</i> (Hymenoptera: Apidae): Final Report. Project Number: SYN/09/1, T002679/08. Unpublished study prepared by Mambo-Tox, Ltd. 108 p.	05-Apr-2011
48442539	Vinall, S. (2010) eCry3.1Ab Protein - A Laboratory Bioassay of the Effects on Larvae of the Ground-Dwelling Beetle, <i>Poecilus cupreus</i> (Coleoptera: Carabidae): Final Report. Project Number: SYN/09/3, T002684/08. Unpublished study prepared by Mambo-Tox Ltd. 46 p.	05-Apr-2011
48442540	Walters, F.; de Fontes, C.; Hart, H.; et al. (2010) Lepidopteran-Active Variable-Region Sequence Imparts Coleopteran Activity in eCry3.1Ab, an Engineered <i>Bacillus thuringiensis</i> Hybrid Insecticidal Protein. <i>Applied and Environmental Microbiology</i> . 76(10):3082-3088.	05-Apr-2011
48442541	Vlachos, D.; Ward, D. (2011) Public Interest Document for Bt11 x MIR604 x TC1507 x 5307 and Bt11 x MIR162 x MIR604 x TC1507 x 5307 Corn. Project Number: SSB/201/10. 41 p.	05-Apr-2011

48442900	Syngenta Seeds, Inc - Field Crops (2011) Submission of Product Chemistry, Efficacy and Exposure and Risk Data in Support of the Application for Registration of Bt11xMIR162xMIR604xTC1507x5307 Corn. Transmittal of 10 Studies.	05-Apr-2011
48442901	Bednarcik, M. (2011) Comparison of Transgenic Protein Concentrations in Event Bt11, Event MIR162, Event MIR604, Event TC1507, Event 5307, Event GA21, and Bt11 x MIR162 x MIR604 x TC1507 x GA21 Maize Hybrids. Project Number: TKRS0000026. Unpublished study prepared by Syngenta Crop Protection, LLC and BioAgilytix Labs, Inc. 88 p.	05-Apr-2011
48442902	New, S. (2011) Bt11 x MIR162 x MIR604 x TC1507 x 5307 x GA21 Maize: Comparative Southern Blot Analysis. Project Number: 288/003, TK0025100, 288/003/F01. Unpublished study prepared by Syngenta Crop Protection, LLC and Beckman Coulter Genomics. 125 p.	05-Apr-2011
48442903	New, S. (2011) Test and Control Substance Characterization of Event BT11 Maize, Event MIR162 Maize, Event MIR604 Maize, Event TC1507 Maize. Event 5307 Maize, Event GA21 Maize, Bt11 x MIR162 x MIR604 x TC1507 x 5307 x GA21 Maize, and Nontransgenic Maize . Project Number: TK0025098. Unpublished study prepared by Syngenta Biotechnology, Inc. 29 p.	05-Apr-2011
48442904	Raybould, A. (2011) Non-Target Organism Risk Assessment for Bt11 x MIR162 x MIR604 x TC1507 x 5307 x GA21 Stacked Maize (Field Corn) Hybrids. Project Number: NRA/114/11. Unpublished study prepared by Syngenta, Ltd., Jealotts Hill International Research Centre. 23 p.	05-Apr-2011
48442905	McCormick, L.; Sagers, J.; White, J.; et al. (2010) Insecticidal Efficacy of a Bt11 x MIR162 x MIR604 x TC1507 x 5307 x GA21 Maize Hybrid Against Fall Armyworm in the Field. Project Number: NRA/104/10. Unpublished study prepared by Syngenta Seeds, Inc. 19 p.	05-Apr-2011
48442906	Sagers, J.; McCormick, L.; White, J.; et al. (2010) Insecticidal Efficacy of a Bt11 x MIR162 x MIR604 x TC1507 x 5307 x GA21 Maize Hybrid Against European Corn Borer in the Field. Project Number: NRA/101/10. Unpublished study prepared by Syngenta Seeds, Inc. 20 p.	05-Apr-2011
48442907	McCormick, L.; Sagers, J.; White, J.; et al. (2010) Insecticidal Efficacy of a Bt11 x MIR162 x MIR604 x TC1507 x GA21 Maize Hybrid Against Western Corn Rootworm in the Field. Project Number: NRA/103/10. Unpublished study prepared by Syngenta Seeds, Inc. 20 p.	05-Apr-2011
48442908	Seastrum, L.; Ward, K.; Raybould, A. (2010) Investigation of the Potential Interaction between Lepidopteran-Active (Cry1Ab + Vip3Aa20 + Cry1F) and Coleopteran-Active (mCry3A + eCry3.1Ab) Insecticidal Bt Proteins Using Target Insects Ostrinia nubilalis and Leptinotarsa decemlineata. Project Number: TK0026520. Unpublished study prepared by Syngenta Biotechnology, Inc. 32 p.	05-Apr-2011
48442909	Seastrum, L. (2010) Investigation of Potential Interaction Between Insecticidal Proteins mCry3A and eCry3.1Ab Using Colorado Potato Beetle (Leptinotarsa decemlineata). Project Number: TK0026862. Unpublished study prepared by Syngenta Biotechnology, Inc. 19 p.	05-Apr-2011

48442910	Kurtz, R. (2011) Insect Resistance Management Plan for Bt11 x MIR162 x MIR604 x TC1507 x 5307 Maize. Project Number: NRA/107/11. Unpublished study prepared by Syngenta Biotechnology, Inc. 77 p.	05-Apr-2011
48443000	Syngenta Seeds, Inc. (2011) Submission of Product Chemistry, Efficacy and Exposure and Risk Data in Support of the Application for Registration of Bt11xMIR604xTC1507x5307 Corn. Transmittal of 8 Studies.	05-Apr-2011
48443001	Bednarcik, M. (2011) Comparison of Transgenic Protein Concentrations in Event Bt11, Event MIR604, Event TC1507, Event 5307, Event GA21, and Bt11 x MIR604 x TC1507 x 5307 x GA21 Maize Hybrids. Project Number: TKRS0000025. Unpublished study prepared by Syngentas Crop Protection, LLC and BioAgilytix Labs, Inc. 75 p.	05-Apr-2011
48443002	New, S. (2011) Bt11 x MIR604 x TC1507 x 5307 x GA21 Maize: Comparative Southern Blot Analysis. Project Number: TK0025099. Unpublished study prepared by Syngenta Crop Protection, LLC and Beckman Coulter Genomics. 110 p.	05-Apr-2011
48443003	New, S. (2011) Test and Control Substance Characterization of Event Bt11 Maize, Event MIR604 Maize, Event TC1507 Maize, Event 5307 Maize, Event GA21 Maize, Bt11 x MIR604 x TC1507 x 5307 x GA21 Maize, and Nontransgenic Maize. Project Number: TK0025097. Unpublished study prepared by Syngenta Biotechnology, Inc. 24 p.	05-Apr-2011
48443004	Raybould, A. (2011) Non-Target Organism Risk Assessment for Bt11 x MIR604 x TC1507 x 5307 x GA21 Stacked Maize (Field Corn) Hybrids. Project Number: NRA/115/11. Unpublished study prepared by Syngenta, Ltd., Jealotts Hill International Research Centre. 23 p.	05-Apr-2011
48443005	McCormick, L.; Sagers, J.; White, J.; et al. (2010) Insecticidal Efficacy of a Bt11 x MIR604 x TC1507 x 5307 x GA21 Maize Hybrid Against Fall Armyworm in the Field. Project Number: NRA/105/10, 09SUMGDIR4F. Unpublished study prepared by Syngenta Seeds, Inc. 19 p.	05-Apr-2011
48443006	Sagers, J.; McCormick, L.; White, J.; et al. (2010) Insecticidal Efficacy of a Bt11 x MIR604 x TC1507 x 5307 x GA21 Maize Hybrid Against European Corn Borer in the Field. Project Number: NRA/100/10, 09SUMGDIR4E. Unpublished study prepared by Syngenta Seeds, Inc. 20 p.	05-Apr-2011
48443007	McCormick, L.; Sagers, J.; White, J.; et al. (2010) Bt11 x MIR604 x TC1507 x 5307 x GA21 Maize Hybrid Against Western Corn Rootworm in the Field. Project Number: NRA/102/10, 09SUMGDIR4W. Unpublished study prepared by Syngenta Seeds, Inc. 20 p.	05-Apr-2011
48443008	Kurtz, R. (2011) Insect Resistance Management Plan for Bt11xMIR604x5307xTC1507 Maize. Project Number: NRA/106/11. Unpublished study prepared by Syngenta Biotechnology, Inc.. 77 p.	05-Apr-2011
48802600	Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry Data in Support of the Application for Registration of 5307 Corn. Transmittal of 4 Studies.	17-Apr-2012

48802601	Hart, H. (2012) Event 5307 Maize: Insert Sequence Analysis: Amended Report No. 2. Project Number: SSB/159/10/A2. Unpublished study prepared by Syngenta Crop Protection, LLC. 40p.	17-Apr-2012
48802602	Hart, H. (2012) Event 5307 Maize: Flanking Sequence Determination: Amended Report No. 1. Project Number: SSB/160/10/A1. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p.	17-Apr-2012
48802603	Ward, D. (2012) 5307 Corn: Supplemental Information for MRIDs 484425-01, 484425-33, and 484425-35. Project Number: NRA/123/12. Unpublished study prepared by Syngenta Seeds, Inc. - Field Crops - NAFTA. 6p.	17-Apr-2012
48802604	Banach, R. (2012) 5307 Corn: Supplemental ELISA Validation Data for MRIDs 484425-08, 484425-10, 484425-11, 484425-14, and 484425-17. Project Number: TK0119362. Unpublished study prepared by Syngenta Crop Protection, LLC. 71p.	17-Apr-2012
48802700	Syngenta Seeds, Inc. - Field Crops - NAFTA (2012) Submission of Product Chemistry Data in Support of the Application for Registration of Bt11 x MIR604 x TC1507 x 5307 Corn. Transmittal of 1 Study.	17-Apr-2012
48802701	Davis, K. (2012) Bt11 x MIR604 x TC1507 x 5307 Corn: Supplemental Information for MRID 484430-01. Project Number: NRA/125/12. Unpublished study prepared by Syngenta Seeds, Inc.- Field Crops - NAFTA. 8p.	17-Apr-2012
48802800	Syngenta Seeds, Inc. - Field Crops - NAFTA (2012) Submission of Product Chemistry Data in Support of the Application for Registration of Bt11 x MIR162 x MIR604 x TC1507 Corn. Transmittal of 1 Study.	17-Apr-2012
48802801	Davis, K. (2012) Bt11 x MIR162 x MIR604 x TC1507 x 5307 Corn: Supplemental Information for MRID 484429-01. Project Number: NRA/126/12. Unpublished study prepared by Syngenta Seeds, Inc. - Field Crops - NAFTA. 8p.	17-Apr-2012
48820100	Monsanto Company (2012) Submission of Efficacy and Product Chemistry Data in Support of the Experimental Use of MON 87411 and MON 87410. Transmittal of 3 Studies.	04-May-2012
48820103	Burns, J. (2012) Petition to Amend 40CFR §174.532 to Extend the Temporary Tolerance Exemption for Bacillus thuringiensis eCry3.1 Ab Protein in Corn in Accordance with Experimental Use Permit 67979-EUP-8 to Support Experimental Use Permit 524-EUP-xxx. Project Number: 12/CR/240E/4. Unpublished study prepared by Monsanto Company. 27p.	04-May-2012
48880100	Syngenta Seeds, Inc. - Field Crops - NAFTA (2012) Submission of Toxicity Data in Support of the Application for Registration of 5307 Corn. Transmittal of 1 Study.	05-Jul-2012
48880101	Song, S.; McClain, S. (2012) eCry3.1Ab Digestive Fate - Supplemental Information for MRIDs 477347-11, 480384-01, 484425-23, 484425-24, and 484425-25. Project Number: NRA/133/12. Unpublished study prepared by Syngenta Seeds, Inc.- Field Crops - NAFTA. 6p.	05-Jul-2012
	Syngenta Seeds, Inc. - Field Crops - NAFTA (2012) Submission of Efficacy	

48969700	Data in Support of the Application for Registration of Bt11xMIR604xTC1507x5307 5% Refuge Seed Blend Corn. Transmittal of 2 Studies.	15-Oct-2012
48969701	Jarrett, S.; Ward, D. (2012) Refuge Assurance Program for Bt11xMIR604xTC1507x5307 5% Refuge Seed Blend Corn. Project Number: NRA/135/12. Unpublished study prepared by Syngenta Seeds, Inc. - Field Crops - NAFTA. 14p.	15-Oct-2012
48969702	Huber, S.; Oyediran, I. (2012) Insect Resistance Management Plan for Bt11xMIR604xTC1507x5307 5% Refuge Seed Blend Corn. Project Number: BRA/134/12. Unpublished study prepared by Syngenta Seeds, Inc. - Field Crops - NAFTA. 23p.	15-Oct-2012
48971200	Syngenta Seeds, Inc. - Field Crops - NAFTA (2012) Submission of Pesticide Use Data in Support of the Applications for Registration of Bt11xMIR162xMIR604xTC1507x5307 5% Refuge Seed Blend Corn and Bt11xMIR604xTC1507x5307 5% Refuge Seed Blend Corn. Transmittal of 4 Studies.	15-Oct-2012
48971201	Jarrett, S.; Ward, D. (2012) Refuge Assurance Program for Bt11xMIR162xMIR604xTC1507x5307 5% Refuge Seed Blend Corn. Project Number: NRA/136/12, CR010/EPA/1. Unpublished study prepared by Syngenta Seeds, Inc. - Field Crops - NAFTA. 14p.	15-Oct-2012
48971202	Huber, S.; Oyediran, I. (2012) Insect Resistance Management Plan for Bt11xMIR162xMIR604xTC1507x5307 5% Refuge Seed Blend Corn. Project Number: NRA/144/12, CR010/EPA/1. Unpublished study prepared by Syngenta Seeds, Inc. - Field Crops - NAFTA. 23p.	15-Oct-2012
48971203	Oyediran, I.; Huber, S. (2012) Assessment of the Effects of "Refuge in a Bag" on Corn Rootworm Beetle Emergence Using 95% MIR604 x 5307 Corn Seed Blended with 5% non-Bt Corn Seed. Project Number: NRA/143/12, CR010/EPA/1. Unpublished study prepared by Syngenta Seeds, Inc. - Field Crops - NAFTA. 27p.	15-Oct-2012
48971204	Caprio, M. (2012) Simulations of the Evolution of Resistance to a Syngenta Dual-Gene Corn Rootworm Product: MIR604 x 5307. Project Number: NRA/142/12, CR010/EPA/1. Unpublished study prepared by Syngenta Seeds, Inc. - Field Crops - NAFTA. 10p.	15-Oct-2012
49049000	Syngenta Seeds, Inc. - Field Crops - NAFTA (2013) Submission of Efficacy Data in Support of the Registrations of Bt11 x MIR162 x MIR604 x TC1507 x 5307 Corn and Bt11 x MIR604 x TC1507 x 5307 Corn. Transmittal of 1 Study.	31-Jan-2013
49049001	Burd, T. (2013) Enhanced Corn Rootworm Resistance Monitoring Plan and Remedial Action Plan for Agrisure Duracade 5122 Refuge Renew (Bt11 x MIR604 x TC1507 x 5307) and Agrisure Duracade 5222 Refuge Renew (Bt11 x MIR162 x MIR604 x TC1507 x 5307). Project Number: NRA/152/13. Unpublished study prepared by Syngenta Crop Protection, LLC. 15p.	31-Jan-2013
49097800	Syngenta Seeds, Inc. - Field Crops - NAFTA (2013) Submission of Efficacy and Product Chemistry Data in Support of the Application for Registration of	08-Apr-2013

	MIR604xTC1507x5307 Corn. Transmittal of 4 Studies.	
49097801	Herrero, S. (2013) MIR604 x TC1507 x 5307 Maize: Identity Confirmation of Individual Plants of Material ID 11QA450165. Project Number: TK0172083. Unpublished study prepared by Syngenta Crop Protection, LLC. 18p.	08-Apr-2013
49097802	Bednarcik, M. (2013) Transgenic Protein Concentrations in Event MIR604, Event TC1507, Event 5307, and MIR604 x TC1507 x 5307 Maize: Protein Expression Assessment. Project Number: SSB/109/13, TK0099279. Unpublished study prepared by Syngenta Crop Protection, LLC. 48p.	08-Apr-2013
49097803	Nelson, A. (2013) Nontarget Organism Risk Assessment for MIR604 x TC1507 x 5307 Maize: Assessment. Project Number: SSB/105/13. Unpublished study prepared by Syngenta Crop Protection, LLC. 13p.	08-Apr-2013
49206900	Syngenta Seeds, Inc. - Field Crops - NAFTA (2013) Submission of Efficacy Data in Support of the Registrations of COT12 x COT67B Cotton Seed, Bt11 x MIR162 Corn, Bt11 x MIR162 x MIR604 Corn, Bt11 x MIR162 x TC1507 Corn, Bt11 x MIR162 x TC1507 Refuge Seed Blend Corn and Bt11 x MIR162 x MIR604 x TC1507 x 5307 Corn. Transmittal of 1 Study.	30-Aug-2013 03-Sep-2013
49206901	Oyediran, I.; Burd, T. (2013) Monitoring Susceptibility of <i>Diatraea grandiosella</i> Vip3Aa: 2012 Insect Collections. Project Number: NRA/162/13. Unpublished study prepared by Custom Bio-Products and Syngenta Biotechnology, Inc. 17p.	30-Aug-2013 03-Sep-2013
49309800	Syngenta Seeds, Inc. - Field Crops - NAFTA (2014) Submission of 2013 Growing Season Report in Fulfillment of Post-Registration Requirements. Transmittal of 1 Study.	03-Feb-2014
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